

SAFETY AND BUILDINGS DIVISION Plumbing Product Review P.O. Box 2658 Madison, Wisconsin 53701-2658 TTY: Contact Through Relay

> Scott Walker, Governor Dave Ross, Secretary

January 14, 2015

Revised Copy

UPONOR MARY KIMLINGER 5925 148TH STREET WEST APPLE VALLEY MN 55124

Re: Description:

PEX PIPE, ALTERNATE PLUMBING SYSTEM

Manufacturer:

UPONOR

Product Name: UPONOR PEX TUBING AND PROPEX FITTINGS

Model Number(s): 1/2, 3/4, 1, 1^{1/4}, 1^{1/2}, 2, 2^{1/2} AND 3" PEX PIPE AND ASSOCIATED PROPEX FITTINGS

Product File No: 20140352

The specifications and/or plans for this plumbing product have been reviewed and determined to be in compliance with chapters SPS 382 through 384, Wisconsin Administrative Code, and Chapters 145 and 160, Wisconsin Statutes.

The Department hereby issues an alternate approval to s. SPS 382.40 (7) (e) based on the Wisconsin Statutes and the Wisconsin Administrative Code. This approval is valid until the end of January 2020. This alternate approval is required because the manufacturer is seeking a maximum flow velocity that exceeds 8 feet per second (fps).

This alternate approval is contingent upon compliance with the following stipulation(s):

- This piping material may be installed for the following uses:
 - 1. Water services and private water mains
 - Water distribution.
- The maximum flow velocity for this piping material is 10 fps.

Velocity can be calculated via the following formula:

 $V = 0.408 \, Q/D^2$

Where:

V = water velocity (ft./sec.) Q = flow rate (gpm)

D = inside pipe diameter (in.)

- The installer is responsible for applying water hammer arrestors as appropriate and in accordance with s. SPS 382.40 (7) (f).
- Pipe shall be installed in strict accordance the manufacturer's published instructions and the Wis. Adm. Code. Only Uponor fittings shall be used.
- The manufacturer shall maintain compliance with ASTM F876 and/or ASTM F877 for this pipe and associated fittings.

SBD-10564-E (N.10/97) File Ref: 14035204.DOC Uponor January 14, 2015

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The department is in no way endorsing this product or any advertising, and is not responsible for any situation which may result from its use.

Sincerely

Glen W. Schlueter

Environmental Engineer - Plumbing Product Reviewer Depart of Safety and Professional Services Division of Industry Services

Bureau of Technical Services (608) 267-1401 Phone (608) 267-9723 Fax

glen.schlueter@wi.gov E-mail

FOR USE WITH UPONOR AQUAPEX PIPE AND FITTINGS ONLY Maximum Allowable Load for Uponor AquaPEX Pipe ASTM F876 and F877; (C=163)

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